

Name _____ Date _____ Block _____

Egg Drop Post-Lab Discussion

1. When you think of energy, what do you think of?
2. Did your egg have to absorb energy when it hit the ground? How do you know?
3. Where did the energy go after your box hit the ground?
4. If your box weighed 2 Newtons and you took it 3 meters up the stairs, how much work did you do on it?
5. Given the situation above, if it took you 3 seconds to take the box up the stairs, how much power did you use?
6. After you did work on your box taking it up the stairs, what type energy did it have before you dropped it?
HINT: stored energy
7. When you dropped the box & it was falling, the stored energy was changed to energy of motion called _____.
8. Why did some boxes do a better job than others of absorbing the energy of the impact, and keeping the egg safe?
9. If you built another box now, how would you do it differently?
10. Which real cars are best at absorbing energy & keeping people safe? WHY?

